

RE: some information that may help with breaking points (1980 and may be 1976?)

Hilbert, Timothy (hilbertj) to: Kopylev.Leonid

10/01/2012 11:10 AM

From: "Hilbert, Timothy (hilbertj)" <HILBERTJ@UCMAIL.UC.EDU>

To:

Cc: Benson.Bob@epamail.epa.gov, Bill Brattin <brattin@srcinc.com>, DeVoney.Danielle@epamail.epa.gov, Berry.David@epamail.epa.gov, Christensen.Krista@epamail.epa.gov, Bateson.Thomas@epamail.epa.gov

Attached is a pdf with the relevant portions of the OSHA industrial hygiene report. I have removed sections re chemicals used, pesticides, trade secrets, and discussions with company management re the report.

Tim

From: Leonid Kopylev [mailto:Kopylev.Leonid@epamail.epa.gov]

Sent: Friday, September 28, 2012 11:19 AM

To: Hilbert, Timothy (hilbertj)

Cc: Bob Benson; Bill Brattin; Danielle DeVoney; David Berry; Krista Christensen; Thomas Bateson

Subject: RE: some information that may help with breaking points (1980 and may be 1976?)

Would it be possible to share the report? It doesn't seem to be easily obtained otherwise.

Thanks,

Leonid

▼ "Hilbert, Timothy (hilbertj)" ---09/28/2012 11:11:10 AM---I have access to the OSHA report from late 1978 and just read through it. Here are a few interestin

From: "Hilbert, Timothy (hilbertj)" <HILBERTJ@UCMAIL.UC.EDU>

To: Bob Benson/R8/USEPA/US@EPA, Leonid Kopylev/DC/USEPA/US@EPA

Cc: Bill Brattin <brattin@srcinc.com>, Danielle DeVoney/DC/USEPA/US@EPA, David Berry/R8/USEPA/US@EPA, Krista Christensen/DC/USEPA/US@EPA, Thomas Bateson/DC/USEPA/US@EPA

Date: 09/28/2012 11:11 AM

Subject: RE: some information that may help with breaking points (1980 and may be 1976?)

I have access to the OSHA report from late 1978 and just read through it. Here are a few interesting quotes I found:

1. Only two trionize employees were exposed to vermiculite levels exceeding the nuisance dust standard during our survey
2. Samples have generally shown the presence of asbestos in the unexpanded ore

but not in the expanded ore.

3. Asbestos levels reported in all areas of the plant were within the OSHA standard. The highest fiber count reported was 1.1 f/cc collected during an 18 minute ceiling sample in the track area. Most of the samples for asbestos were considerably lower than 1.1 and in many areas there was no asbestos detected.

4. The employees commented that the ventilation was much better than it used to be and the plant had really been dusty in the past.

Were there specific questions you had about the content of the report?

Tim

-----Original Message-----

From: Bob Benson [<mailto:Benson.Bob@epamail.epa.gov>]

Sent: Thursday, September 27, 2012 10:20 PM

To: Leonid Kopylev

Cc: Bill Brattin; Danielle DeVoney; David Berry; Krista Christensen; Thomas Bateson; Hilbert, Timothy (hilbertj)

Subject: some information that may help with breaking points (1980 and may be 1976?)

I have never seen this stuff. I will look into it more when I return to the office on Monday.

Tim,

Do you have anything pertinent to Leonid's questions?

-----Leonid Kopylev/DC/USEPA/US wrote: -----

To: Bob Benson/R8/USEPA/US@EPA

From: Leonid Kopylev/DC/USEPA/US

Date: 09/27/2012 03:18PM

Cc: brattin@srcinc.com, Danielle DeVoney/DC/USEPA/US@EPA, David Berry/R8/USEPA/US@EPA, HILBERTJ@UCMAIL.UC.EDU, Krista

Christensen/DC/USEPA/US@EPA, Thomas Bateson/DC/USEPA/US@EPA

Subject: some information that may help with breaking points (1980 and may be 1976?)

Bob,

I found the following quotes, but no original OSHA document on Marysville. Do you or UC happen to have it?



scan.pdf swept and vacuumed dust from the facility as part of a cleanup in 1980 (The Scotts Company, personal communication, September 2002), but no documents of the cleaning event could be located.

http://www.atsdr.cdc.gov/asbestos/sites/health_consultations/pdf/OMScottfinal.pdf

Also, note reference to

Occupational Safety and Health Administration. Industrial hygiene survey for OM Scott and Sons, Scottslawn Rd, Marysville, Ohio. Report number 06635-180.

November 29, 1978 to January 19, 1979.

with this quote

The cleanup operations generated the highest employee exposure levels. An employee monitored for total dust while cleaning out the baghouse was exposed to an 8-hour time weighted average of approximately 160 mg/m³. Respiratory protection was inadequate. Maintenance employees cleaning out exhaust fans were also overexposed. The operators assigned to screens and mills were observed looking up inside hoppers and banging caked product off the sides. When the screens and mills operator was not checking screens and mills he was usually busy sweeping up spills and leaking product?the operators assigned to clean out the dryers when they are down for routine maintenance are exposed to fairly high dust concentrations when they enter the dryer to shovel out product or knock off caked deposits? Employees working in the track area were exposed to fairly heavy concentrations of dust while railcars were dumped and while expanded vermiculite or other product was shoveled into the floor grate leading to a conveyor that led to the storage hoppers. The track area was not separated from the rest of the trionize area by a wall prior to 1976 so most of the trionize department was exposed to dust generated during unloading of vermiculite prior to that time.

Thanks,

Leonid